

Form PTO-1449				ATTY. DOCKET NO. 0425-1107P	APPLICATION NO. NEW 10/747,948		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>				APPLICANT Keiko HASEBE et al.			
				FILING DATE December 31, 2003	GROUP UNKNOWN 16/6		
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	US 6,034,035	A	2000-03-07	Hasebe et al.	504	136	
	US 5,948,421		1999-09	Okano et al.	424	405	
	US 6,030,923		2000-02	Okano et al.	504	116	
	US 6,008,158		1999-12	Hasebe et al.	504	116	
	US 6,093,679		2000-07	Azuma et al.	504	116	
	US 5,462,912		1995-10	Hicki et al.	504	116	
	US 5,354,565		1994-10	Iwasaki et al.	424	605	
	US 5,538,937		1996-07	Hasebe et al.	504	116	
	US 5,728,649		1998-03	Hasebe et al.	504	116	
	US 5,863,909		1999-01	Kurita et al.	504	129	
FOREIGN PATENT DOCUMENTS							
Office	DOCUMENT NUMBER	KIND	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
WO	92/12637	A1	1992-08-06	WIPO			
EP	0 290 416	A2	1988-11-09	EUROPE			
JP	56-135409		1981-10-22	JAPAN			
JP	55-098105		1980-07-25	JAPAN			
JP	2-295907		1990-12-06	JAPAN			
JP	4-502618		1992-05-14	JAPAN			
JP	63-145205		1988-06-17	JAPAN			
EP	0 597 488		1994-05-18	EUROPE			
EP	0 509 346		1992-10-21	EUROPE			
OTHER DOCUMENTS <small>(Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.)</small>							
Research Disclosure, Vol. 153, pp. 35-36 (anonymous), Jan. 1977							
Chemical Abstracts, 86:84676, 1977							
EXAMINER 				DATE CONSIDERED 3/20/06			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,863,863		1999-01	Hasebe et al.	504	116	
	US 5,849,663		1998-12	Hasebe et al.	504	116	
	US 5,622,911		1997-04	Hasebe et al.	504	116	
	US 5,563,111		1996-10	Hioki et al.	504	116	
	US 3,998,967		1976-12-21	Weil	514	554	
	US 5,354,565		1994-10-11	Iwasaki et al.	424	605	
	US 5,464,806		1995-11-07	Kassebaum et al.	504	206	
	US 5,668,085		1997-09-16	Forbes et al.	504	206	
	US 5,164,179		1992-11-17	Hioki et al.	424	78.08	
	US 4,190,601		1980-02-26	Decker et al.	564	374	
	US 4,888,447		1989-12-19	Smith	564	480	
	US 4,138,483		1979-02-06	Gitlitz et al.	514	186	

**FOREIGN PATENT DOCUMENTS**

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	TRANSLATION	
						VIS	PO
EP	0 036 106		1981-09-23	EUROPE			
EP	0 387 165		1990-09-12	EUROPE			
EP	0 441 764	A	1991-08-14	EUROPE			
EP	0 274 369		1990-09-12	EUROPE			
EP	0 290 416		1993-06-23	EUROPE			
GB	2,230,955		1990-11-07	GREAT BRITAIN			

**OTHER DOCUMENTS** (Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.)


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